AGWA2-Kineros
Posted by mburke - 2008/04/05 19:22

_____

I believe that I have followed the instructions correctly up to the precipiation data part. I followed the instructions and have inputed a NOAA atlas 14 grid for my rainfall data. I also believe that this is correct. I am attempting to now run KINEROS and it says that it runs correctly, but I do not see a Black DOS screen. I also do not get any results for the analysis...I really have no idea what I could be doing wrong. Any help or suggestions would be appreciated thank you!!

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/08 15:14

_____

I think the error is occuring with my rainfall data. Has anyone else had issues with using NOAA rainfall data? When I go to write my Kineros Precipitation data...i click write...and nothing really happens. Does a screen come up or can you watch the progress at all like in the previous steps?I am able to select the file when I try to run the model...but again I get 0 runoff 0 infiltration etc...anyone run into this problem??

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/08 17:31

_____

The writing of the precipitation file is instantaneous which is why you don't see any window or screen pop up.

To narrow down what the problem is, open a command prompt by typing cmd from the run window (accessed from the Start menu or by pressing the Windows key + r on your keyboard). Then navigate to the simulation directory. This will be located in the a subdirectory of your Workspace folder set during the delineation. Use the following example as a guide.

Workspace set in the delineation: c:dir1

delineation name: del1

discretization name: dis1

simulation name: sim1

Using the above names, the simulation directory would be at: c:dir1del1dis1simulationssim1

You would navigate there once you are at the command prompt by typing (if your workspace is not on drive c, you would need to change to the appropriate drive first by typing the drive letter followed by a colon and pressing enter, ex 'd:')
cddir1del1dis1simulationssim1
Once in that directory, type kineros2_agwa to run the model. The window will stay open after the model

_____

runs, even if it crashes. If it did crash, it should give you a hint as to why, which you can post back here for more help.

Shea

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/08 23:04

_____

Ok this is what I get:
Kineros2__agwa is not recognized as an internal or external command, operable program or batch file

My data is all on my D: drive, but the program is on the C: drive...is this a problem. I have it linked correctly for my home directory. Thanks so much for any help you can provide!

==

Re:AGWA2-Kineros
Posted by mmarichmo - 2008/04/09 14:22

_____

Alright so I was taking a look at mburke's setup above from what I can gather is that kineros is not part of the system32 batch files because it is a toolbox and simply type kineros2_agwa will abruptly end with an error because it can't find it. With that said do you have a way of linking kineros (which i could not find on the system   yet arcgis with the toolbox runs it, but does not yield the results) to the main system or at least telling me what particular .dll or exe needs to be put in the working directory to make this work?

Predominately I want to see the command line function to like as you said earlier to see the errors that it encountered so that I can start trouble shooting the problem with the arcgis plugin and why it won't display her data correctly on the map or in table.

Thanks ahead of time for the help.

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/09 19:40

_____

@mburke
The kineros2_agwa.exe file wasn't copied into your simulation directory, for whatever reason. Is there a models directory in the AGWA home directory (the directory set in the Preferences dialog). This is where the kineros2_agwa.exe file is copied from and it should have come in the AGWA2 datafiles download in the AGWA2 section at
http://www.tucson.ars.ag.gov/agwa/index.php?option=com_docman&task=cat_view&gid=38&Itemid=40
If for some reason you don't have a models directory, you can redownload the whole AGWA2 directory structure and datafiles at the above link or download just the models from the Models section of the downloads

http://www.tucson.ars.ag.gov/agwa/index.php?option=com_docman&task=cat_view&gid=33&Itemid=40

It shouldn't matter where your data is. The only limitation I know of regarding directory locations is that the home directory cannot be placed on a network drive.

Shea

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/09 19:53

_____

OK well I believe it will now attempt to run...I get the error that states sever Program Exception-array bounds exceeded?

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/09 19:59

_____

@mmarichmo
kineros2_agwa.exe is a compiled executable file. The reason he got the message he did when trying to run the file was because the file wasn't in the directory he was trying to run it from.

I'm not sure what you mean by linking kineros to the main system or running it from a toolbox. As long as the home directory is set properly in the AGWA2 Preferences form and the models directory is located in the home directory and has the models (kineros2_agwa.exe and swat2000.exe) AGWA should be able to locate and run the models in your project (provided the discretization and parameterization don't have any problems). AGWA copies the executables from the models directory into the simulations directories when the model input files are written, so if you suspect the model did not run all you have to do is navigate, at the dos/command prompt, to the simulation directory that was created when you clicked the Run button and type in kineros2_agwa.

Shea

==

Re:AGWA2-Kineros
Posted by mmarichmo - 2008/04/09 20:10

_____

You had answered my question, I figured that it would natively,the file was missing. Is there a limitation on the data set that this tool has? When mburke runs it, it gives the error that she listed above, and the output file is all but empty.

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/09 21:53

_____

So I created an entire new project and am still getting errors....now the error reads as follows:

error-AGWA shell
Can't Open kin.fil

Any ideas?

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/09 22:11

_____

I think you may have forgotten to attach what the input files should look like...also all of my steps said they were completed correctly...how do I see where the error is occuring?

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/09 22:15

_____

If you're receiving that error then there was a problem writing the model input files, which indicates there is a problem somewhere else in the process. The directory should look something like this with your simulation names substituted of course.
http://www.tucson.ars.ag.gov/agwa/images/fbfiles/images/simDirectory.png

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/09 22:18

_____

The input files in the image are the .pre, .par, file.bat, and kin.fil files, the others are created as outputs. First check to see if you're missing any of the input files.

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/09 22:18

_____

Mine is creating two .dbf files and 1 .pre file.

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/10 13:45

_____

So I am presuming that something must not be going right with my Parameterization...when I open the attribute table, all of the parameters have values. I do notice that the soil parameterization step takes a very long time (the land use steps goes pretty quick). I am using STATSGO soils...any tips or advice on what may be going wrong?

Also when I attempt to use the Land Cover Modification Tool...I follow the steps in the manual and fill out the information correctly, but it does not allow me to "process"...any ideas on what may going wrong there??

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/10 17:53

_____

Can you upload your .par file for me to take a look at? Are you using the STATSGO soils with an MUID or an MUKEY field?

Regarding the Land Cover Modification Tool, on the Polygon Definition tab are you selecting a polygon from the combobox or creating/drawing a polygon? No matter which you use, you are still required to select the polygon. For example, when you create/draw a polygon, when you're finished drawing the polygon feature class that was created is selected in the combobox automatically, but the feature itself is not, so you need to select it using the select features tool next to the combobox.

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/11 16:55

_____

The problem is that it is not creating a .par file. My Statsgo file uses an MUID.

Thanks for the help with the LCMT...it worked!!!

==

Re:AGWA2-Kineros
Posted by mburke - 2008/04/14 20:58

_____

Any suggestions on how to fix the problem or any clues on why it is not creating a .par file?

==

Re:AGWA2-Kineros
Posted by isburns - 2008/04/16 22:58

_____

We're not really actively supporting the MUID statsgo files anymore since they have been replaced with the MUKEY statsgo files. Try download the new version of the soils coverage and using that instead.

You can download new the version from the Soil Data Mart (http://soildatamart.nrcs.usda.gov/) by clicking on the US General Soil Map link at the top and selecting the appropriate state (don't download the entire GSM dataset because once you import the tables into the database it will be colossal). After you've downloaded the dataset, you'll need to import the flat files in the Tabular folder into the Access database that comes with the dataset. To perform the import, just open the Access database and you will be prompted with an Import dialog. Once the import is complete (it will take a minute or two), when you perform the LC/Soils Parameterization you'll be asked to locate the database you just imported the tables into. After you redo the parameterization with the new soils, try and run the model again.

Shea

==

Re:AGWA2-Kineros
Posted by elsadek - 2009/07/06 16:48

_____

I have the same problem,the model creates these files .par,.pre,kin.fil, file.bat and two database files for the channels and the planes, but the model doesn't create the .sim file and having this error message
error-AGWAshell   can't open kin.fil
any suggestions for this problem

==

Re:AGWA2-Kineros
Posted by isburns - 2009/11/06 17:28

_____

Hi elsadek,
Sorry your message got buried and I didn't realize no one responded. Were you able to resolve the issue or are you still having problems? If you're still having problems, why don't you post a new message and we'll pick up there.

Shea

==